

Access DB# 174035

SEARCH REQUEST FORM

Scientific and Technical Information Center

48

Requester's Full Name: DUNG DINH Examiner #: 70717 Date: 12/12/08
Art Unit: 2163 Phone Number 30 23943 Serial Number: 10/72, 051
Mail Box and Bldg/Room Location: Rm. 4A39 Results Format Preferred (circle): PAPER DISK E-MAIL
10/721, 005, 10/721 343, 10/721, 385

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: SYSTEM FOR REAL-TIME COMMUNICATION

Inventors (please provide full names): LUDWIG LESTER 38721
PLURAL
USE

Earliest Priority Filing Date: 10/1/93

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

NPL Search for:

- 1) Earliest known date of "Instant Messaging" (IM).
- 2) Systems that keep track of real-time or live records of when a user is online or logged in.

P6PUB
2004/0107255

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**Advanced Web Search**☐ Build a query with...

all of these words:

this exact phrase:

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and none of these words

☒ Search with...

this boolean expression

Use terms such as AND, OR
[More>>](#)SEARCH: ☐ Worldwide ☒ USA RESULTS IN: ☒ All languages ☐ [English, Spanish](#)

Date:

☐ by timeframe: ☒ by date range:

File type:

Location

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8109	instant adj (message messaging messenger messaging messages)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/27 12:29
L2	51	1 and @ad<"19931101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/27 12:29

Set	Items	Description
S1	8630	(REALTIME OR REAL()TIME OR LIVE) (5N) (COMMUNICAT? OR MESSAG? OR MESSENG?)
S2	3954	INSTANT()MESSAG? OR QNEXT? OR MSN()MESSENGER? OR AOL()INST- ANT()MESSENG? OR AOL(5N) (AIM OR IM) OR SMILEY? ?
S3	955	YAHOO?()MESSENG? OR SKYPE OR GOOGLE()TALK OR (NET OR ".NET- ") ()MESSENGER? OR JABBER OR ICQ
S4	2154	IRC OR INTERNET()RELAY?()CHAT? OR (UNIXLINUX OR UNIX?) ()TA- LK?() (MESSENG? OR MESSAG?)
S5	19	UNIX?(3N)TALK? OR JARKKO(2N)OIKARINEN?
S6	6622	S2:S5
S7	806	S6 AND S1
S8	6622	S6:S7
S9	4777	S8 AND AC=US/PR
S10	408	S9 AND AY=(1970:1993)/PR
S11	1845	S8 NOT S9
S12	281	S11 AND PY=1970:1993
S13	689	S10 OR S12
S14	155432	IC=G06F?
S15	59	S13 AND S14
File 348:EUROPEAN PATENTS 1978-2005/Dec W03		
(c) 2005 European Patent Office		
File 349:PCT FULLTEXT 1979-2005/UB=20051222,UT=20051215		
(c) 2005 WIPO/Univentio		
?		

Set	Items	Description
S1	81892	INSTANT()MESSAG? OR QNEXT? OR MSN()MESSENGER? OR AOL()INST- ANT()MESSENG? OR AOL(5N) (AIM OR IM)
S2	7577	YAHOO?()MESSENG? OR SKYPE OR GOOGLE()TALK OR (NET OR ".NET- ")()MESSENGER?
S3	3148	INTERNET()RELAY?()CHAT? OR (UNIXLINUX OR UNIX?)()TALK?() (M- ESSENG? OR MESSAG?)
S4	1345	UNIX?(3N)TALK? OR JARKKO(2N)OIKARINEN?
S5	11524	ICQ? ?
S6	25999	COMET?
S7	8210696	INTERNET? OR ONLINE? OR ARPANET? OR WORLD()WIDE()WEB OR IS- P? ? OR AOL OR COMPUSERVE?
S8	95291	S1:S5 NOT S6
S9	88189	S8 AND (S7 OR NETWORK?)
S10	95291	S8:S9
S11	904	S10 AND PY<1994
S12	894	S11 AND S1:S4
S13	904	S11:S12
S14	172	S13 AND S1:S3
S15	0	S13 AND JARKKO(2N)OIKARINEN?
S16	172	S14:S15
S17	155	RD (unique items)
File 15:	ABI/Inform(R) 1971-2006/Jan 07	(c) 2006 ProQuest Info&Learning
File 16:	Gale Group PROMT(R) 1990-2006/Jan 09	(c) 2006 The Gale Group
File 148:	Gale Group Trade & Industry DB 1976-2006/Jan 09	(c)2006 The Gale Group
File 160:	Gale Group PROMT(R) 1972-1989	(c) 1999 The Gale Group
File 275:	Gale Group Computer DB(TM) 1983-2006/Jan 07	(c) 2006 The Gale Group
File 369:	New Scientist 1994-2006/Aug W3	(c) 2006 Reed Business Information Ltd.
File 610:	Business Wire 1999-2006/Jan 09	(c) 2006 Business Wire.
File 613:	PR Newswire 1999-2006/Jan 09	(c) 2006 PR Newswire Association Inc
File 621:	Gale Group New Prod.Annou.(R) 1985-2006/Jan 09	(c) 2006 The Gale Group
File 624:	McGraw-Hill Publications 1985-2006/Jan 06	(c) 2006 McGraw-Hill Co. Inc
File 636:	Gale Group Newsletter DB(TM) 1987-2006/Jan 06	(c) 2006 The Gale Group
File 647:	CMP Computer Fulltext 1988-2006/Jan W2	(c) 2006 CMP Media, LLC
File 674:	Computer News Fulltext 1989-2005/Oct W2	(c) 2005 IDG Communications
File 696:	DIALOG Telecom. Newsletters 1995-2006/Jan 06	(c) 2006 Dialog
File 810:	Business Wire 1986-1999/Feb 28	(c) 1999 Business Wire
File 813:	PR Newswire 1987-1999/Apr 30	(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	220204	HISTORY? OR LOG OR LOGS OR CHRONICL? OR ARCHIV? OR LIBRAR? OR CATALOG? OR DIARY? OR DIARIE?
S2	707057	TALLY? OR SERVICE()RECORD? OR TRACK? OR AUDIT? OR MONITOR? OR RECORD?
S3	481926	QUERY? OR DISPLAY? OR INTERROGAT? OR QUESTION? OR ASK? ? OR ASKED OR ASKING?
S4	863589	USER? OR CLIENT? OR CUSTOMER? OR SUBSCRIBER? OR MEMBER? OR ACCOUNT()HOLDER? OR ENDUSER? OR PATRON? OR ENROLLEE?
S5	783998	NETIZEN? OR SURFER? OR SHOPPER? OR BUYER? OR WEBSURFER? OR BUDDY? OR BUDDIE? OR PERSON? OR INDIVIDUAL?
S6	1414087	TIME? OR CLOCKTIME? OR TEMPORAL? OR DURATION? OR EXTENT? OR PERIOD? ? OR REALTIME? OR LIVETIME?
S7	957272	INTERVAL? OR SPAN? ? OR TERM? ? OR SESSION? OR STATUS? OR - ONLINE? OR ON()LINE?
S8	906139	START? OR BEGIN? OR COMMENC? OR ONSET? OR INITIALI? OR LOG- IN? OR SIGNIN? OR (LOGG? OR LOG? ? OR SIGN?) () (IN OR ON)
S9	1476918	END? ? OR ENDING OR TERMINAT? OR CEAS? OR CESSAT? OR STOP? OR SIGNOFF? OR LOGOFF? OR SIGNOUT? OR LOGOUT?
S10	8090	(LOGG? OR LOG? ? OR SIGN?) () (OFF OR OUT)
S11	1650669	CERTAIN OR SPECIFIC? OR PARTICULAR? OR UNIQUE? OR DISTINCT? OR SINGULAR?
S12	667525	EXCLUSIV? OR DEFINIT? OR PRECIS?
S13	155432	IC=G06F?
S14	48136	S1:S3(7N)S4:S5 AND S1:S5(7N)S6:S7 AND S6:S7(7N) (S8 AND S9:- S10)
S15	15495	S14 AND S13
S16	32100	S14:S15 AND S11:S12(7N)S4:S5
S17	9111	S16 AND S1:S3(3N)S4:S5 AND S4:S5(3N)S6:S7 AND S6:S7(5N)S8 - AND S6:S7(5N)S9:S10
S18	4470	S17 AND S1:S3(5N)S11:S12(5N)S4:S5
S19	2131	S18 AND S13
S20	3407	S18:S19 AND AC=US/PR
S21	378	S20 AND AY=(1970:1993)/PR
S22	1063	S18:S19 NOT S20
S23	85	S22 AND PY=1970:1993
S24	463	S21 OR S23
S25	172	S24 AND S13
S26	172	IDPAT (sorted in duplicate/non-duplicate order)
File 348:EUROPEAN PATENTS 1978-2005/Dec W03		
(c) 2005 European Patent Office		
File 349:PCT FULLTEXT 1979-2005/UB=20051222,UT=20051215		
(c) 2005 WIPO/Univentio		

Set	Items	Description
S1	121	AU=(LUDWIG L? OR LUDWIG, L? OR LAUWERS J? OR LAUWERS, J? OR LAUWERS C? OR LAUWERS, C?)
S2	214	AU=(LANTZ K? OR LANTZ, K? OR BURNETT G? OR BURNETT, G?)
S3	119	AU=(BURNS E? OR BURNS, E?)
S4	25	(LES OR LESTER) (2N)LUDWIG OR (JOSEF? OR JOSEPH? OR CHRIS?)-(2N)LAUWERS
S5	20	KEITH(2N)LANTZ OR (GERRIE OR GERALD) (2N)BURNETT
S6	12	EMMETT(2N)BURNS
S7	12826	(REALTIME OR REAL()TIME OR LIVE) (5N) (COMMUNICAT? OR MESSAG? OR MESSENG?)
S8	5222	INSTANT()MESSAG? OR QNEXT? OR MSN()MESSENGER? OR AOL()INST-ANT()MESSENG? OR AOL(5N) (AIM OR IM) OR SMILEY? ?
S9	1005	YAHOO?()MESSENG? OR SKYPE OR GOOGLE()TALK OR (NET OR ".NET-")()MESSENGER? OR JABBER OR ICQ
S10	2524	IRC OR INTERNET()RELAY?()CHAT? OR (UNIXLINUX OR UNIX?)()TALK?() (MESSENG? OR MESSAG?)
S11	19	UNIX?(3N)TALK? OR JARKKO(2N)OIKARINEN?
S12	1427021	IC=G06F?
S13	969485	MC=T01?
S14	18	S1:S6 AND S7:S11
S15	2	S14 AND S12:S13
S16	18	S14:S15
S17	18	S14:S16
S18	18	IDPAT (sorted in duplicate/non-duplicate order)

File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200582
(c) 2005 Thomson Derwent

File 348:EUROPEAN PATENTS 1978-2005/Dec W03
(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20051222,UT=20051215
(c) 2005 WIPO/Univentio

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Set	Items	Description
S1	528	AU=(LUDWIG L? OR LUDWIG, L? OR LAUWERS J? OR LAUWERS, J? OR LAUWERS C? OR LAUWERS, C?)
S2	609	AU=(LANTZ K? OR LANTZ, K? OR BURNETT G? OR BURNETT, G?)
S3	1319	AU=(BURNS E? OR BURNS, E?)
S4	14	(LES OR LESTER) (2N)LUDWIG OR (JOSEF? OR JOSEPH? OR CHRIS?)-(2N)LAUWERS
S5	2	KEITH(2N)LANTZ OR (GERRIE OR GERALD) (2N)BURNETT
S6	3	EMMETT(2N)BURNS
S7	17591	(REALTIME OR REAL()TIME OR LIVE) (5N) (COMMUNICAT? OR MESSAG? OR MESSENG?)
S8	3880	INSTANT()MESSAG? OR QNEXT? OR MSN()MESSENGER? OR AOL()INST-ANT()MESSENG? OR AOL(5N) (AIM OR IM) OR SMILEY? ?
S9	1233	YAHOO?()MESSENG? OR SKYPE OR GOOGLE()TALK OR (NET OR ".NET-")()MESSENGER? OR JABBER OR ICQ
S10	5747	IRC OR INTERNET()RELAY?()CHAT? OR (UNIXLINUX OR UNIX?)()TALK?() (MESSENG? OR MESSAG?)
S11	31	UNIX?(3N)TALK? OR JARKKO(2N)OIKARINEN?
S12	5	S1:S6 AND S7:S11
S13	4	RD (unique items)
File	2:INSPEC 1898-2005/Dec W2	(c) 2005 Institution of Electrical Engineers
File	6:NTIS 1964-2005/Dec W2	(c) 2005 NTIS, Intl Cpyrght All Rights Res
File	8:Ei Compendex(R) 1970-2005/Dec W2	(c) 2005 Elsevier Eng. Info. Inc.
File	34:SciSearch(R) Cited Ref Sci 1990-2005/Dec W3	(c) 2005 Inst for Sci Info
File	35:Dissertation Abs Online 1861-2005/Nov	(c) 2005 ProQuest Info&Learning
File	62:SPIN(R) 1975-2005/Oct W2	(c) 2005 American Institute of Physics
File	65:Inside Conferences 1993-2005/Dec W3	(c) 2005 BLDSC all rts. reserv.
File	94:JICST-EPlus 1985-2005/Oct W3	(c)2005 Japan Science and Tech Corp(JST)
File	95:TEME-Technology & Management 1989-2005/Nov W2	(c) 2005 FIZ TECHNIK
File	99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct	(c) 2005 The HW Wilson Co.
File	111:TGG Natl.Newspaper Index(SM) 1979-2005/Dec 22	(c) 2005 The Gale Group
File	144:Pascal 1973-2005/Dec W2	(c) 2005 INIST/CNRS
File	239:Mathsci 1940-2005/Jan	(c) 2005 American Mathematical Society
File	256:TecInfoSource 82-2005/Feb	(c) 2005 Info.Sources Inc
File	434:SciSearch(R) Cited Ref Sci 1974-1989/Dec	(c) 1998 Inst for Sci Info

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Set	Items	Description
S1	22	AU=(LUDWIG L? OR LUDWIG, L? OR LAUWERS J? OR LAUWERS, J? OR LAUWERS C? OR LAUWERS, C?)
S2	102	AU=(LANTZ K? OR LANTZ, K? OR BURNETT G? OR BURNETT, G?)
S3	584	AU=(BURNS E? OR BURNS, E?)
S4	47	(LES OR LESTER) (2N)LUDWIG OR (JOSEF? OR JOSEPH? OR CHRIS?)-(2N)LAUWERS
S5	391	KEITH(2N)LANTZ OR (GERRIE OR GERALD) (2N)BURNETT
S6	35	EMMETT(2N)BURNS
S7	145373	(REALTIME OR REAL()TIME OR LIVE) (5N) (COMMUNICAT? OR MESSAG? OR MESSENG?)
S8	153984	INSTANT()MESSAG? OR QNEXT? OR MSN()MESSENGER? OR AOL()INSTANT()MESSENG? OR AOL(5N) (AIM OR IM) OR SMILEY? ?
S9	33929	YAHOO?()MESSENG? OR SKYPE OR GOOGLE()TALK OR (NET OR ".NET-")()MESSENGER? OR JABBER OR ICQ
S10	35876	IRC OR INTERNET()RELAY?()CHAT? OR (UNIXLINUX OR UNIX?)()TALK?() (MESSENG? OR MESSAG?)
S11	1669	UNIX?(3N)TALK? OR JARKKO(2N)OIKARINEN?
S12	35	S1:S6 AND S7:S11
S13	11	RD (unique items)
File	9:Business & Industry(R)	Jul/1994-2005/Dec 22 (c) 2005 The Gale Group
File	13:BAMP	2005/Dec W2 (c) 2005 The Gale Group
File	15:ABI/Inform(R)	1971-2005/Dec 23 (c) 2005 ProQuest Info&Learning
File	16:Gale Group PROMT(R)	1990-2005/Dec 23 (c) 2005 The Gale Group
File	20:Dialog Global Reporter	1997-2005/Dec 23 (c) 2005 Dialog
File	47:Gale Group Magazine DB(TM)	1959-2005/Dec 23 (c) 2005 The Gale group
File	75:TGG Management Contents(R)	86-2005/Dec W3 (c) 2005 The Gale Group
File	88:Gale Group Business A.R.T.S.	1976-2005/Dec 23 (c) 2005 The Gale Group
File	98:General Sci Abs/Full-Text	1984-2004/Dec (c) 2005 The HW Wilson Co.
File	141:Readers Guide	1983-2004/Dec (c) 2005 The HW Wilson Co
File	148:Gale Group Trade & Industry DB	1976-2005/Dec 23 (c)2005 The Gale Group
File	160:Gale Group PROMT(R)	1972-1989 (c) 1999 The Gale Group
File	275:Gale Group Computer DB(TM)	1983-2005/Dec 23 (c) 2005 The Gale Group
File	369:New Scientist	1994-2005/Aug W2 (c) 2005 Reed Business Information Ltd.
File	370:Science	1996-1999/Jul W3 (c) 1999 AAAS
File	484:Periodical Abs Plustext	1986-2005/Dec W3 (c) 2005 ProQuest
File	553:Wilson Bus. Abs. FullText	1982-2004/Dec (c) 2005 The HW Wilson Co
File	610:Business Wire	1999-2005/Dec 23 (c) 2005 Business Wire.
File	613:PR Newswire	1999-2005/Dec 23 (c) 2005 PR Newswire Association Inc
File	621:Gale Group New Prod.Annou.(R)	1985-2005/Dec 23 (c) 2005 The Gale Group
File	624:McGraw-Hill Publications	1985-2005/Dec 22

(c) 2005 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2005/Dec 22
(c) 2005 San Jose Mercury News
File 635:Business Dateline(R) 1985-2005/Dec 23
(c) 2005 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2005/Dec 23
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File 647:CMP Computer Fulltext 1988-2005/Dec W3
(c) 2005 CMP Media, LLC
File 674:Computer News Fulltext 1989-2005/Oct W2
(c) 2005 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2005/Dec 22
(c) 2005 Dialog
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	16859153	USER? OR CLIENT? OR CUSTOMER? OR SUBSCRIBER? OR MEMBER? OR ACCOUNT()HOLDER? OR ENDUSER? OR PATRON? OR ENROLLEE?
S2	9607459	NETIZEN? OR SURFER? OR SHOPPER? OR BUYER? OR WEBSURFER? OR BUDDY? OR BUDDIE? OR PERSON? OR INDIVIDUAL?
S3	8613422	INTERNET? OR ONLINE? OR ARPANET? OR WORLD()WIDE()WEB OR IS-P? ? OR AOL OR COMPUSERVE? OR ON()LINE?
S4	3099835	S1:S2(20N)S3
S5	345524	S4 AND S1:S2(5N) (CERTAIN OR SPECIFIC? OR PARTICULAR? OR UNIQUE? OR DISTINCT? OR SINGULAR?)
S6	166933	S4 AND S1:S2(5N) (EXCLUSIV? OR DEFINIT? OR PRECIS? OR SINGLE? OR LONE?)
S7	476789	S5:S6
S8	136140	HISTORY? OR LOG OR LOGS OR CHRONICL? OR ARCHIV? OR LIBRAR? OR CATALOG? OR DIARY? OR DIARIE? OR CHATWATCHER?
S9	202130	TALLY? OR SERVICE()RECORD? OR TRACK? OR AUDIT? OR MONITOR? OR RECORD? OR DETECT? OR CHAT?()WATCH?
S10	139639	QUERY? OR DISPLAY? OR INTERROGAT? OR QUESTION? OR ASK? ? OR ASKED OR ASKING?
S11	333533	TIME? OR CLOCKTIME? OR TEMPORAL? OR DURATION? OR EXTENT? OR PERIOD? ? OR REALTIME? OR LIVETIME?
S12	365518	INTERVAL? OR SPAN? ? OR TERM? ? OR SESSION? OR STATUS? OR -ONLINE? OR ON()LINE?
S13	220734	START? OR BEGIN? OR COMMENC? OR ONSET? OR INITIAL? OR LOGIN? OR SIGNIN? OR (LOGG? OR LOG? ? OR SIGN?) () (IN OR ON)
S14	206266	END? ? OR ENDING OR TERMINAT? OR CEAS? OR CESSAT? OR STOP? OR SIGNOFF? OR LOGOFF? OR SIGNOUT? OR LOGOUT?
S15	2554	(LOGG? OR LOG? ? OR SIGN?) () (OFF OR OUT)
S16	10130	(REALTIME OR REAL()TIME OR LIVE) (5N) (COMMUNICAT? OR MESSAG? OR MESSENG?)
S17	10602	INSTANT()MESSAG? OR QNEXT? OR MSN()MESSENGER? OR AOL()INSTANT()MESSENG? OR AOL(5N) (AIM OR IM)
S18	864	YAHOO?()MESSENG? OR SKYPE OR GOOGLE()TALK OR (NET OR ".NET-") ()MESSENGER?
S19	498	INTERNET()RELAY?()CHAT? OR (UNIXLINUX OR UNIX?) ()TALK?() (M-ESSENG? OR MESSAG?)
S20	62	UNIX?(3N)TALK? OR JARKKO(2N)OIKARINEN?
S21	2296	ICQ? ?
S22	20506	S7 AND S16:S21
S23	4694	S22 AND S11:S12(10N)S13:S15
S24	12487	S22 AND S17:S21
S25	6154	S23:S24 AND S8:S10(5N) (S11:S12 OR S1:S2)
S26	412	S23 AND S13(5N)S11:S12 AND S14:S15(5N)S11:S12
S27	2688	S23 AND S25
S28	868	S27 AND S1:S2(10N)S17:S21
S29	135	S26 AND S28
S30	1145	S26 OR S28
S31	197	S30 AND S1:S2(10N) (S13 AND S14:S15) (10N)S16:S21
S32	289	S29 OR S31
S33	157	S26 AND S32
S34	289	S32:S33
S35	0	S34 AND PY<1994
S36	20	S30 AND PY<1994
S37	113	S25 AND PY<1994
S38	91	S27 AND PY<1994
S39	114	S36:S38
S40	113	S23 AND PY<1994
S41	135	S39:S40
S42	119	RD (unique items)

File 16:Gale Group PROMT(R) 1990-2006/Jan 09
(c) 2006 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2006/Jan 09
(c)2006 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2006/Jan 07
(c) 2006 The Gale Group
File 369:New Scientist 1994-2006/Aug W3
(c) 2006 Reed Business Information Ltd.
File 610:Business Wire 1999-2006/Jan 09
(c) 2006 Business Wire.
File 613:PR Newswire 1999-2006/Jan 09
(c) 2006 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Jan 09
(c) 2006 The Gale Group
File 624:McGraw-Hill Publications 1985-2006/Jan 06
(c) 2006 McGraw-Hill Co. Inc
File 636:Gale Group Newsletter DB(TM) 1987-2006/Jan 06
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File 647:CMP Computer Fulltext 1988-2006/Jan W2
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File 674:Computer News Fulltext 1989-2005/Oct W2
(c) 2005 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2006/Jan 09
(c) 2006 Dialog
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	4196	(REALTIME OR REAL()TIME OR LIVE) (5N) (COMMUNICAT? OR MESSAG? OR MESSENG?)
S2	1268	INSTANT()MESSAG? OR QNEXT? OR MSN()MESSENGER? OR AOL()INST- ANT()MESSENG? OR AOL(5N) (AIM OR IM) OR SMILEY? ?
S3	50	YAHOO?()MESSENG? OR SKYPE OR GOOGLE()TALK OR (NET OR ".NET- ") ()MESSENGER? OR JABBER OR ICQ
S4	370	IRC OR INTERNET()RELAY?()CHAT? OR (UNIXLINUX OR UNIX?) ()TA- LK?() (MESSENG? OR MESSAG?)
S5	0	UNIX?(3N)TALK? OR JARKKO(2N)OIKARINEN?
S6	121024	HISTORY? OR LOG OR LOGS OR CHRONICL? OR ARCHIV? OR LIBRAR? OR CATALOG? OR DIARY? OR DIARIE?
S7	1722614	TALLY? OR SERVICE()RECORD? OR TRACK? OR AUDIT? OR MONITOR? OR RECORD?
S8	1256522	QUERY? OR DISPLAY? OR INTERROGAT? OR QUESTION? OR ASK? ? OR ASKED OR ASKING?
S9	2096355	USER? OR CLIENT? OR CUSTOMER? OR SUBSCRIBER? OR MEMBER? OR ACCOUNT()HOLDER? OR ENDUSER? OR PATRON? OR ENROLLEE?
S10	779884	NETIZEN? OR SURFER? OR SHOPPER? OR BUYER? OR WEBSURFER? OR BUDDY? OR BUDDIE? OR PERSON? OR INDIVIDUAL?
S11	3597136	TIME? OR CLOCKTIME? OR TEMPORAL? OR DURATION? OR EXTENT? OR PERIOD? ?
S12	630678	INTERVAL? OR SPAN? ? OR TERM? ? ORSESSION? OR STATUS?
S13	1041002	START? OR BEGIN? OR COMMENC? OR ONSET? OR INITIALI? OR LOG- IN? OR SIGNIN? OR (LOGG? OR LOG? ? OR SIGN?) () (IN OR ON)
S14	3696582	END? ? OR ENDING OR TERMINAT? OR CEAS? OR CESSAT? OR STOP? OR SIGNOFF? OR LOGOFF? OR SIGNOUT? OR LOGOUT?
S15	6506	(LOGG? OR LOG? ? OR SIGN?) () (OFF OR OUT)
S16	1756284	CERTAIN OR SPECIFIC? OR PARTICULAR? OR UNIQUE? OR DISTINCT? OR SINGULAR?
S17	1338803	EXCLUSIV? OR DEFINIT? OR PRECIS?
S18	1271589	IC=G06F?
S19	969485	MC=T01?
S20	5778	S1:S5
S21	3714443	PR=1994:1999
S22	816766	PR=2000:2005
S23	4081	S20 NOT S21:S22
S24	1509	S23 AND AC=US/PR
S25	136	S24 AND AY=(1970:1993)/PR
S26	2572	S23 NOT S24
S27	2161	S26 AND PY=1994:2005
S28	411	S26 NOT S27
S29	547	S25 OR S28
S30	190	S29 AND S2:S4
S31	190	IDPAT (sorted in duplicate/non-duplicate order)
S32	1920	S6:S8(7N)S9:S10 AND S11:S12 AND S13 AND S14:S15
S33	98	S32 AND S16:S17(5N)S9:S10
S34	1402	S32 AND S6:S8(7N)S11:S15
S35	1920	S32 OR S34
S36	323	S35 AND AC=US/PR
S37	85	S36 AND AY=(1970:1993)/PR
S38	1597	S35 NOT S36
S39	532	S38 AND PY=1970:1993
S40	397	S39 AND S33:S34
S41	62	S33 NOT S21:S22
S42	143	S37 OR S41
S43	143	IDPAT (sorted in duplicate/non-duplicate order)
S44	383	S40 NOT S42
S45	69	S44 AND S18:S19
S46	69	IDPAT (sorted in duplicate/non-duplicate order)

File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200582
(c) 2005 Thomson Derwent

Set	Items	Description
S1	17629	(REALTIME OR REAL()TIME OR LIVE) (5N) (COMMUNICAT? OR MESSAG? OR MESSENG?)
S2	3905	INSTANT()MESSAG? OR QNEXT? OR MSN()MESSENGER? OR AOL()INST- ANT()MESSENG? OR AOL(5N) (AIM OR IM) OR SMILEY? ?
S3	1241	YAHOO?()MESSENG? OR SKYPE OR GOOGLE()TALK OR (NET OR ".NET- ")()MESSENGER? OR JABBER OR ICQ
S4	5750	IRC OR INTERNET()RELAY?()CHAT? OR (UNIXLINUX OR UNIX?)()TA- LK?() (MESSENG? OR MESSAG?)
S5	31	UNIX?(3N)TALK? OR JARKKO(2N)OIKARINEN?
S6	28014	S1:S5
S7	4882	S6 AND S2:S3
S8	353	S7 AND PY<1994
S9	199	S6 AND (S5 OR INTERNET()RELAY?()CHAT? OR (UNIXLINUX OR UNI- X?)()TALK?() (MESSENG? OR MESSAG?))
S10	30	S9 AND PY<1994
S11	382	S8 OR S10
S12	353	RD (unique items)
S13	1957097	HISTORY? OR LOG OR LOGS OR CHRONICL? OR ARCHIV? OR LIBRAR? OR CATALOG? OR DIARY? OR DIARIE?
S14	6838065	TALLY? OR SERVICE()RECORD? OR TRACK? OR AUDIT? OR MONITOR? OR RECORD? OR DETECT?
S15	2208525	QUERY? OR DISPLAY? OR INTERROGAT? OR QUESTION? OR ASK? ? OR ASKED OR ASKING?
S16	2163645	USER? OR CLIENT? OR CUSTOMER? OR SUBSCRIBER? OR MEMBER? OR ACCOUNT()HOLDER? OR ENDUSER? OR PATRON? OR ENROLLEE?
S17	3026584	NETIZEN? OR SURFER? OR SHOPPER? OR BUYER? OR WEBSURFER? OR BUDDY? OR BUDDIE? OR PERSON? OR INDIVIDUAL?
S18	10327293	TIME? OR CLOCKTIME? OR TEMPORAL? OR DURATION? OR EXTENT? OR PERIOD? ? OR REALTIME? OR LIVETIME?
S19	5400617	INTERVAL? OR SPAN? ? OR TERM? ? OR SESSION? OR STATUS? OR - ONLINE? OR ON()LINE?
S20	2241185	START? OR BEGIN? OR COMMENC? OR ONSET? OR INITIALI? OR LOG- IN? OR SIGNIN? OR (LOGG? OR LOG? ? OR SIGN?)() (IN OR ON)
S21	1952760	END? ? OR ENDING OR TERMINAT? OR CEAS? OR CESSAT? OR STOP? OR SIGNOFF? OR LOGOFF? OR SIGNOUT? OR LOGOUT?
S22	2554	(LOGG? OR LOG? ? OR SIGN?)() (OFF OR OUT)
S23	8462528	CERTAIN OR SPECIFIC? OR PARTICULAR? OR UNIQUE? OR DISTINCT? OR SINGULAR?
S24	5209008	EXCLUSIV? OR DEFINIT? OR PRECIS? OR SINGLE? OR LONE?
S25	736265	INTERNET? OR ONLINE? OR ARPANET? OR WORLD()WIDE()WEB
S26	87682	S13:S15 AND S16:S17 AND S18:S19 AND S20:S22
S27	8797	S26 AND S25
S28	587	S27 AND S23:S24(5N)S16:S17
S29	85	S28 AND PY<1994
S30	108	S27 AND S18:S19(10N)S20 AND S18:S19(10N)S21:S22
S31	15	S30 AND PY<1994
S32	99	S29 OR S31
S33	89	RD (unique items)
S34	9060	S13:S15(5N)S16:S17(5N)S25
S35	6716	S34 AND S18:S22
S36	6375	S35 AND S18:S19
S37	3997	S36 AND S18:S19(7N) (S20:S22 OR S13:S14)
S38	309	S37 AND S23:S24(7N)S16:S17
S39	237	S38 NOT (S28 OR S30)
S40	68	S39 AND PY<1994
S41	62	RD (unique items)
File	2:INSPEC	1898-2005/Dec W2 (c) 2005 Institution of Electrical Engineers
File	6:NTIS	1964-2005/Dec W2 (c) 2005 NTIS, Intl Cpyrght All Rights Res

File 8: Ei Compendex(R) 1970-2006/Dec W4
(c) 2006 Elsevier Eng. Info. Inc.
File 34: SciSearch(R) Cited Ref Sci 1990-2006/Jan W1
(c) 2006 Inst for Sci Info
File 35: Dissertation Abs Online 1861-2005/Dec
(c) 2005 ProQuest Info&Learning
File 62: SPIN(R) 1975-2006/Oct W5
(c) 2006 American Institute of Physics
File 65: Inside Conferences 1993-2006/Jan W1
(c) 2006 BLDSC all rts. reserv.
File 94: JICST-EPlus 1985-2005/Oct W4
(c) 2005 Japan Science and Tech Corp(JST)
File 95: TEME-Technology & Management 1989-2006/Jan W1
(c) 2006 FIZ TECHNIK
File 99: Wilson Appl. Sci & Tech Abs 1983-2005/Oct
(c) 2005 The HW Wilson Co.
File 111: TGG Natl. Newspaper Index(SM) 1979-2006/Jan 02
(c) 2006 The Gale Group
File 144: Pascal 1973-2005/Dec W2
(c) 2005 INIST/CNRS
File 239: Mathsci 1940-2005/Feb
(c) 2005 American Mathematical Society
File 256: TecInfoSource 82-2005/Feb
(c) 2005 Info.Sources Inc
File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

12/3,K/15 (Item 15 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

04107424 INSPEC Abstract Number: B88028350, C88024186

Title: Chat: an N-party talk facility for the Unix 4.2 operating system

Author(s): Hughes, L.

Author Affiliation: Sch. of Comput. Sci., Tech. Univ. of Nova Scotia, Halifax, NS, Canada

Journal: Computer Communications vol.11, no.1 p.20-3

Publication Date: Feb. 1988 Country of Publication: UK

CODEN: COCOD7 ISSN: 0140-3664

Language: English

Subfile: B C

Title: Chat: an N-party talk facility for the Unix 4.2 operating system

1988

12/3,K/47 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
(c) 2005 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1806247 NTIS Accession Number: ED-365 309

Occasional Papers in Open and Distance Learning, Number 14

Donnan, P.

Charles Sturt Univ.-Riverina, Wagga Wagga (Australia).

Corp. Source Codes: 098645000

Oct 93 47p

Languages: English

Journal Announcement: GRAI9415

Three of the papers were presented at the Australian and South Pacific External Studies Association Biennial Forum on Distance Education Futures (11th, Adelaide, South Australia, Australia, July 21-23, 1993). For no. 13 in this series, see ED 359 928.

Available from ERIC Document Reproduction Service (Computer Microfilm International Corporation), 3900 Wheeler Ave., Alexandria, VA 22304-5110.

NTIS Prices: Not available NTIS

... A high priority is placed on educational concerns and the learning environment of the student. ' **Internet Relay Chat (IRC)**--A Real-Time Multi-User Computer Collaborative Learning Medium' (Simpson Poon) and 'The Voice Mail...

... in Distance Education Courses at Charles Sturt University' (Peter Donnan) focus on innovative computer technologies, **internet relay chat (IRC)**, and voice mail. These technologies enhance the interactive dimension in course offerings and may be...

12/3,K/108 (Item 1 from file: 65)
DIALOG(R)File 65:Inside Conferences
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01660769 INSIDE CONFERENCE ITEM ID: CN016929718
Internet Relay Chat (IRC) - a real-time multi-user computer
collaborative learning medium

Poon, S.

CONFERENCE: Australian and South Pacific External Studies Association:
Distance education futures-Biennial forum; 11th
P: 63-72

University of South Australia, 1993

ISBN: 0868030724

LANGUAGE: English DOCUMENT TYPE: Conference Selected papers

CONFERENCE EDITOR(S): Nunan, T.

CONFERENCE SPONSOR: Australian and South Pacific External Studies
Association

CONFERENCE LOCATION: Adelaide, Australia

CONFERENCE DATE: Jul 1996 (199607) (199607)

Internet Relay Chat (IRC) - a real-time multi-user computer
collaborative learning medium

University of South Australia, 1993

12/3,K/14 (Item 14 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

04181323 INSPEC Abstract Number: C88046199

Title: **MAP modem on a single chip**

Author(s): Peter, K.

Journal: Elektronik vol.37, no.10 p.100-2

Publication Date: 13 May 1988 Country of Publication: West Germany

CODEN: EKRKAR ISSN: 0013-5658

Language: German

Subfile: C

...Abstract: SAB 82511 operates internally at 160 MHz and is fully digital, including the PLL and 'Jabber Init Watchdog Timer'. The only external components are the 20 MHz crystal with its associated...

1988

33/3,K/34 (Item 34 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

04049069 INSPEC Abstract Number: C88008668

Title: Towards automated consulting: design feedback from the performance of online documentation

Author(s): Girill, T.R.; Luk, C.H.; Norton, S.

Author Affiliation: Nat. Magn. Fusion Energy Comput. Center, Livermore, CA, USA

Conference Title: ASIS '87. Proceedings of the 50th ASIS Annual Meeting p.85-90

Editor(s): Ching-chih Chen

Publisher: Learned Inf, Medford, NJ, USA

Publication Date: 1987 Country of Publication: USA xii+287 pp.

ISBN: 0 938734 19 9

Conference Date: 4-8 Oct. 1987 Conference Location: Boston, MA, USA

Language: English

Subfile: C

Title: Towards automated consulting: design feedback from the performance of online documentation

Abstract: Usage monitoring of online documentation at a supercomputer center strongly suggests the importance of three strategies in the design of an effective 'consulting' system to deliver full-text answer passages to end users : (1) persistent on-demand printing as well as online viewing makes a shared database economically vital; (2) a broad range of subject queries makes retrieval on diverse topics through a single user interface psychologically beneficial to readers, and (3) vocabulary mismatch errors demand an active response to faulty search terms , but not at the cost of increased interface complexity.

...Descriptors: user interfaces

...Identifiers: online documentation...

... online viewing...

... single user interface...

...faulty search terms

1987

41/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

05616229 INSPEC Abstract Number: C9404-7250C-003

Title: How do patrons search the online catalog when no one's looking? Transaction log analysis and implications for bibliographic instruction and system design

Author(s): Wallace, P.M.

Author Affiliation: Library, Colorado Univ., Boulder, CO, USA

Journal: RQ vol.33, no.2 p.239-52

Publication Date: Winter 1993 Country of Publication: USA

CODEN: RQRQAQ ISSN: 0033-7072

Language: English

Subfile: C

Title: How do patrons search the online catalog when no one's looking? Transaction log analysis and implications for bibliographic instruction and system design

Abstract: Eleven public access terminals at the University of Colorado Libraries were monitored electronically to produce transaction logs that were used to gather statistics and analyze users' behavior when searching online catalogs. Other studies have surveyed user opinions about searching online, whereas this study records user behavior unobtrusively and focuses exclusively on what actually is occurring during the search process. Several comparisons have been made with...

...Identifiers: online catalogue searching

1993

41/3,K/51 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01313785 ORDER NO: AAD93-30763

AN ANALYSIS OF SEARCH FAILURES IN ONLINE LIBRARY CATALOGS (ONLINE CATALOGS)

Author: TONTA, YASAR AHMET

Degree: PH.D.

Year: 1992

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, BERKELEY (0028)

Source: VOLUME 54/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1985. 318 PAGES

AN ANALYSIS OF SEARCH FAILURES IN ONLINE LIBRARY CATALOGS (ONLINE CATALOGS)

Year: 1992

This study investigates the causes of search failures that occur in **online library catalogs** by developing a conceptual model of search failures and examines the retrieval performance of an experimental **online catalog** by means of transaction **logs**, questionnaires, and the critical incident technique. It analyzes retrieval effectiveness of 228 queries from 45 **users** by employing **precision** and recall measures, identifying **user**-designated ineffective searches, and comparing them quantitatively and qualitatively with precision and recall ratios for...

...of clustering and relevance feedback techniques will improve the performance and help reduce failures in **online catalogs**.

In the experiment half the **records** retrieved were judged relevant by the **users** (**precision**) before relevance feedback searches. Yet, the system retrieved only about 25% of the relevant documents...

...significant factor in explaining precision and recall ratios. Yet, there was no strong correlation between **precision** and recall ratios and **user** characteristics (i.e., frequency of **online catalog** use and knowledge of **online** searching) and **users**' own assessments of search performance (i.e., search effectiveness, finding what is wanted). Thus, user...

...search failures due to zero retrievals and vocabulary mismatch occurred much less frequently in the **online catalog** studied. It was conducted that classification clustering and relevance feedback techniques that are available in some probabilistic **online catalogs** help decrease the number of search failures considerably.

41/3,K/53 (Item 3 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01203012 ORDER NO: AAD92-05891

USER INTERACTION WITH AN ONLINE CATALOG : MEASURES OF SUCCESS

Author: CROSBY, ELLEN

Degree: PH.D.

Year: 1991

Corporate Source/Institution: INDIANA UNIVERSITY (0093)

Source: VOLUME 52/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3116. 176 PAGES

USER INTERACTION WITH AN ONLINE CATALOG : MEASURES OF SUCCESS

Year: 1991

...catalog users' library experience and their computer experience as exogenous variables. Endogenous variables were the **duration** of the searches, search accuracy, search efficiency (number of commands), and users' perception of the search process.

Sixty-nine undergraduate students searched the Indiana University **Library NOTIS online catalog** in a controlled setting for answers to six questions supplied by the researcher. A fifteen-minute training task preceded the experimental **session**. For this group, **library** experience was correlated with computer experience ($r = .37$, $p < .01$). Results of the path analysis indicated that greater computer experience predicts shorter elapsed **time**. Search efficiency is predicted by elapsed **time** ($\beta = .86$, $p < .01$), but more computer experience leads to less efficiency ($\beta = .22$, $p \dots$).

...emerged. Two factors showed significant relationships to other variables. Participants who were accurate perceived the **online catalog** as a useful way of finding information ($\beta = .25$, $p < .05$). Searches of short **duration** predicted perception of usefulness ($\beta = -.22$, $p < .05$) and perception of self-sufficiency ($\beta = -.49 \dots$).

...experience did not contribute significantly to the model. The factors related to liking of the **online catalog** and liking of the search process did not contribute to the model.

It is concluded that instruction in using **online catalogs** should concentrate more on computer skills than on skills involved in interpreting the **catalog record**. Relatively naive **users** are able to be successful in using an **online catalog**. Future research should provide further **definition** of elements involved in **catalog users'** perceptions of the search process.